

Anti-Myelin PLP antibody [plpc 1] ab9311

重组

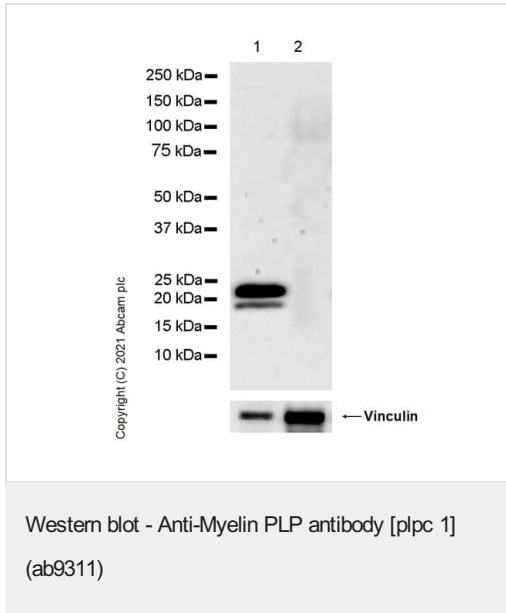
★★★★☆ **5 Abreviews** **14 References** **9 图像**

概述

产品名称	Anti-Myelin PLP抗体[plpc 1]
描述	小鼠单克隆抗体[plpc 1] to Myelin PLP
宿主	Mouse
特异性	This antibody recognizes myelin proteolipid protein
经测试应用	适用于: WB, IHC-Fr, IHC-P, ICC/IF 不适用于: Flow Cyt (Intra)
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide: C-GRGTKF , corresponding to amino acids 272-277 of Myelin PLP. Run BLAST with Run BLAST with
常规说明	This product was switched from a hybridoma to a recombinant production format on 27th October 2021. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	plpc 1



All lanes : Anti-Myelin PLP antibody [plpc 1] (ab9311) at 1/1000 dilution

Lane 1 : Human cerebellum tissue lysate at 20 µg with NFDm/TBST

Lane 2 : Human liver tissue lysate at 40 µg with NFDm/TBST

Blocking peptides at 5 % per lane.

Secondary

All lanes : Peroxidase-Conjugated Goat anti-Mouse IgG (H+L) at 1/10000 dilution

Predicted band size: 30 kDa

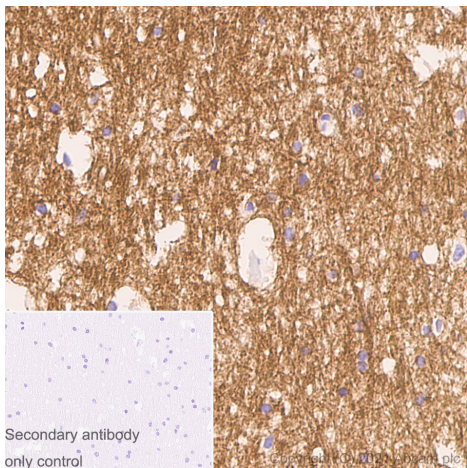
Observed band size: 20.23 kDa

Exposure time: 3 minutes

Samples are non-boiled as boiling may cause protein aggregates.

The molecular weight observed is consistent with what has been described in the literature (PMID: 9247276).

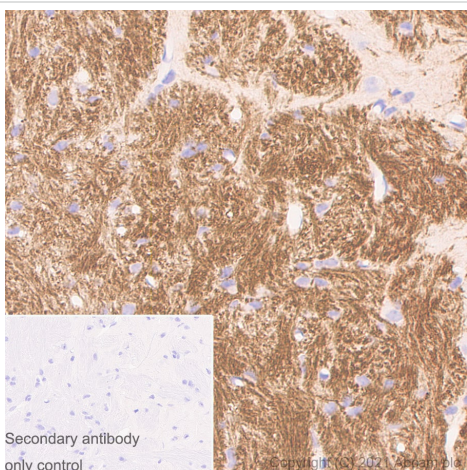
Negative control: liver (PMID: 2414013).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin PLP antibody [p1pc 1] (ab9311)

Immunohistochemical analysis of paraffin-embedded human cerebrum tissue labelling Myelin PLP with ab9311 at 1/5000 dilution, followed by secondary LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use. Positive staining on human cerebrum is observed. Counter stained with Hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use.

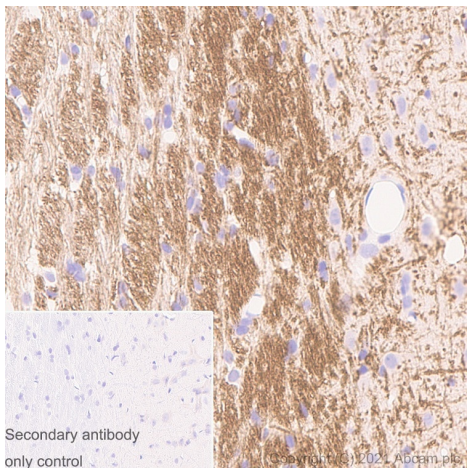
The section was incubated with ab9311 for 30 mins at room temperature and followed by mouse specific IgG antibody for 8 mins. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin PLP antibody [p1pc 1] (ab9311)

Immunohistochemical analysis of paraffin-embedded mouse cerebrum tissue labelling Myelin PLP with ab9311 at 1/5000 dilution, followed by secondary LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use. Positive staining on human cerebrum is observed. Counter stained with Hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use.

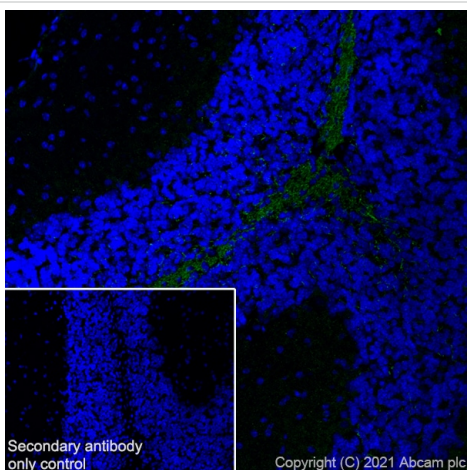
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Myelin PLP antibody [p1pc 1] (ab9311)

Immunohistochemical analysis of paraffin-embedded rat cerebrum tissue labelling Myelin PLP with ab9311 at 1/5000 dilution, followed by secondary LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use. Positive staining on human cerebrum is observed. Counter stained with Hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is LeicaDS9800 (Bond™ Polymer Refine Detection), ready to use.

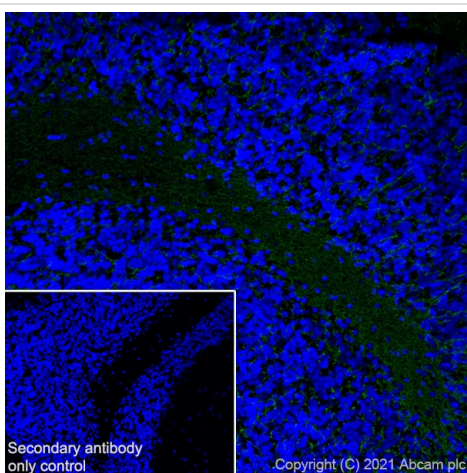
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Immunohistochemistry (Frozen sections) - Anti-Myelin PLP antibody [p1pc 1] (ab9311)

Immunohistochemical analysis of 4% PFA fixed 0.2% Triton X-100 permeabilized frozen Mouse cerebellum tissue labeling Myelin PLP with ab9311 at 1:25 (32.36 µg/ml) dilution followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) secondary at 1:1000 dilution. The nuclear counterstain was DAPI (Blue). Heat mediated antigen retrieval using sodium citrate buffer (10mM citrate pH 6.0 + 0.05% Tween-20).

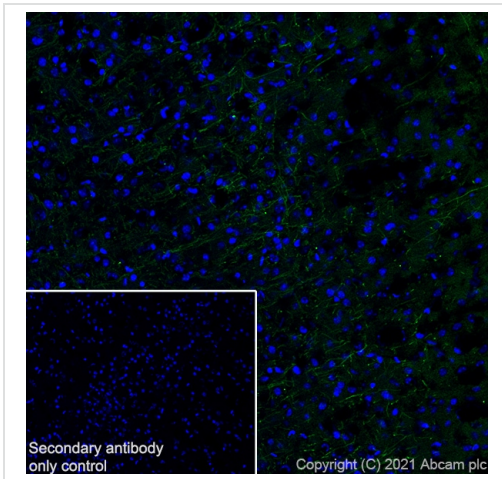
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody was **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1:1000 dilution.



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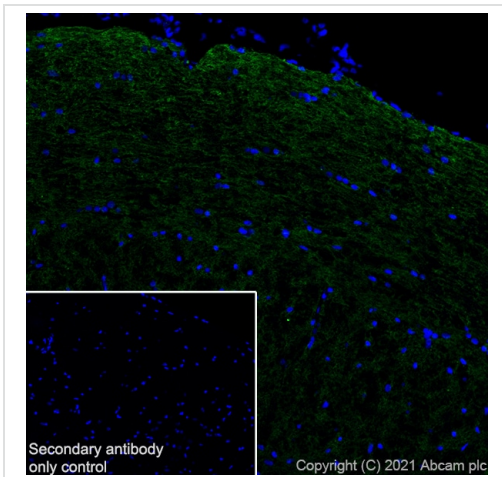
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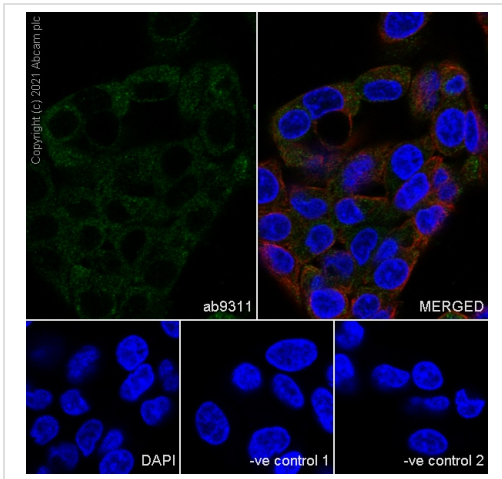
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Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody was **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1:1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-Myelin PLP antibody [p1pc 1] (ab9311)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized HepG2 cells labelling Myelin PLP with ab9311 at 1/25 dilution, followed by **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) antibody at 1:1000 dilution (Green). is observed. **ab179513** Anti-beta Tubulin rabbit monoclonal antibody was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is **ab150113** Goat Anti-Mouse IgG H&L (Alexa Fluor® 488) at 1:1000 dilution.

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